

Drive and stirring technology for

PHARMA | FOOD | COSMETICS | CHEMICALS | AUTOMATION



# Transmissions

(For motor data please refer to the data sheet of the respective motor.)



ORDER HELP

Motor aluminium	0450			0900			1800			3600		
Transmission	3:1	9:1	1:2	3:1	9:1	1:2	3:1	9:1	1:2	3:1	9:1	1:2
Art. no.	5039	5040	5041	5039	5040	5041	5042	5043	5044	5042	5043	5044

Motor stainless steel	0450 INOX			0900 INOX			1800 INOX			3600 INOX		
Transmission INOX	3:1	9:1	1:2	3:1	9:1	1:2	3:1	9:1	1:2	3:1	9:1	1:2
Art. no.	5045	5046	5047	5045	5046	5047	5048	5049	5050	5048	5049	5050

WE GENERATE MOVEMENT IN SPECIAL ENVIRONMENTS.

# TECHNICAL DATA

Motor	0450			0900			1800			3600		
Transmission	3:1	9:1	1:2	3:1	9:1	1:2	3:1	9:1	1:2	3:1	9:1	1:2
L1 [mm]	120	146	120	134.5	160.5	134.5	161	192.5	161	183	214.5	183
L2 [mm]	94	120	94	108.5	134.5	108.5	120	151.5	120	142	173.5	142
L3 [mm]	92.5	118.5	92.5	107	133	107	117.5	149	117.5	139.5	171	139.5
L1 [inch]	4.72	5.75	4.72	5.29	6.32	5.29	6.34	7.58	6.34	7.20	8.44	7.20
L2 [inch]	3.70	4.72	3.70	4.27	5.29	4.27	4.72	5.96	4.72	5.59	6.83	5.59
L3 [inch]	3.64	4.66	3.64	4.21	5.24	4.21	4.62	5.87	4.62	5.49	6.73	5.49
Max. rotation speed [1/min] +/-10%	100	33	600	100	33	600	100	33	600	100	33	600
Starting torque [Nm]	4	36	2	24	72	4	48	144	8	96	288	16
Starting torque [lbf]	35	320	18	212	640	35	425	1275	70	850	2550	140
Max. axial load [lbf / N]	45 / 200		12 / 67.5	45 / 200		12 / 67.5	67.5 / 300			67.5 / 300		
Radial dyn. C [lbf / N]	170 / 750		110 / 500	170 / 750		110 / 500	225 / 1000			225 / 1000		
Radial stat. Co [lbf / N]	90 / 400		55 / 250	90 / 400		55 / 250	135 / 600			135 / 600		
Max. perm. minimum load [lbf in / Nm]	45 / 5			45 / 5			90 / 10			90 / 10		
Max. power [HP / W]	0.08 / 60			0.16 / 120			0.22 / 170			0.30 / 230		
Max. power reached at RPM [1/min]	50	16.7	300	50	16.7	300	50	16.7	300	50	16.7	300
Weight [lbs / kg] (motor with transmis- sion)	4.4 / 2	6.2 / 2.8	4.6 / 2.1	4.6 / 2.1	6.6 / 3	5 / 2.3	12 / 5.7	17 / 7.9	5.9	13 / 7.5	18 / 8.5	14 / 6.5



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